



Atty. Dkt. No. 040302-0582

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Masanori NAKAMURA et al.
Title: CATALYST POWDER, EXHAUST GAS PURIFYING
CATALYST, AND METHOD OF PRODUCING THE
CATALYST POWDER
Appl. No.: 10/589,890
International Filing Date: 02/10/2005
371(c) Date: 08/18/2006
Examiner: Cam N. Nguyen
Art Unit: 1793
Confirmation Number: 2473

TERMINAL DISCLAIMER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Your Petitioner, NISSAN MOTOR CO., LTD., having its principal place of business at 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken 221-0023 Japan, represents that it is the owner of the entire right, title, and interest in and to U.S. Patent Application Serial No. 10/589,890, filed 02/10/2005, by virtue of an Assignment filed and recorded August 18, 2006, on Reel/Frame 018228/0227, in the United States Patent and Trademark Office, a copy of which is attached hereto as APPENDIX A.

Further, your Petitioner represents that it is the owner of the below listed co-pending U.S. Patent Applications (hereinafter "Co-pending Applications") copies of the assignments of which are attached hereto as APPENDIX B.

Serial No.	Filing Date	Date Recorded	Reel/Frame
10/584,243	06-23-2006	06-23-2006	018035/0526
10/584,346	06-23-2006	06-23-2006	018072/0499
11/722,275	06-20-2007	06-21-2007	019464/0905
11/079,377	03-15-2005	03-15-2005	016387/0313
10/586,533	07-19-2006	07-19-2006	018130/0726
11/079,270	03-15-2005	03-15-2005	016385/0893
11/578,295	10-13-2006	10-13-2006	018441/0713

Your Petitioner, NISSAN MOTOR CO., LTD., hereby disclaims the terminal part of the term of any patent granted on U.S. Patent Application 10/589,890 which would extend beyond the full statutory term, as presently shortened by any terminal disclaimer, of any patent granted on the above listed Co-pending Applications, and hereby agrees that any patent so granted on U.S. Patent Application 10/589,890 shall be enforceable only for and during such period that the legal title to any patent(s) granted on the above listed Co-pending Applications shall be the same as the legal title to any patent granted on U.S. Patent Application 10/589,890, this agreement to run with any patent granted on U.S. Patent Application 10/589,890 and to be binding upon the grantee, its successors or assigns.

In making the above disclaimer, Petitioner does not disclaim any terminal part of any patent granted on U.S. Patent Application 10/589,890, prior to the full statutory term(s) of any patent(s) granted on the above listed Co-pending Applications as defined in 35 U.S.C. §§154-156 and 173, in the event that any patent(s) granted on the above listed Co-pending Applications expires for failure to pay a maintenance fee, is held unenforceable or is found invalid in a final judgment by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR §1.321(a), has all claims canceled by a reexamination certificate or as a result of an interference proceeding, or is otherwise not deemed to provide the rights conveyed by 35 USC §154, prior to the full statutory term(s) of any patent(s) granted on the above listed Co-pending Applications as defined in 35 USC

§§154-156 and 173, except for the separation of legal title stated above. Further, Petitioner does not disclaim any terminal part of a patent granted on U.S. Patent Application 10/589,890 that would extend beyond the present termination of any patent(s) granted on the above listed Co-pending Applications, in the event that such present term is extended by virtue of compliance with the conditions for term extension of any present or future patent term extension provisions of the patent law, including but not limited to 35 U.S.C. §§155, 155A or 156, and without waiving Petitioner's right to extend the term of a patent granted on U.S. Patent Application 10/589,890 to the extent provided by law.

The undersigned, being the Attorney of Record for U.S. Patent Application 10/589,890, and duly authorized to act on behalf of Petitioner, certifies that he has reviewed the Assignments attached as APPENDICES A and B, and to the best of his knowledge and belief, legal title to U.S. Patent Application 10/589,890 and any patent(s) granted on the above listed Co-pending Applications rests with Petitioner, NISSAN MOTOR CO., LTD. The undersigned declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the above-identified application or any patent issuing therefrom.

Respectfully submitted,

Date 2/6/09

By 

FOLEY & LARDNER LLP
Customer Number: 22428
Telephone: (202) 672-5426
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Glenn Law
Attorney for Applicant
Registration No. 34,371

APPENDIX A



United States Patent and Trademark Office

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Assignments on the Web > Patent Query

Patent Assignment Abstract of Title

NOTE: Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.

Total Assignments: 1

Patent #: NONE

Issue Dt:

Application #: 10589890

Filing Dt: 08/18/2006

Publication #: 20070203021

Pub Dt: 08/30/2007

Inventors: Masanori Nakamura, Katsuo Suga, Toru Sekiba, Hironori Wakamatsu, Kazuyuki Shiratori et al

Title: Catalyst Powder, Exhaust Gas Purifying Catalyst, And Method Of Producing The Catalyst Powder

Assignment: 1

Reel/Frame: 018228/0227

Recorded: 08/18/2006

Pages: 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: NAKAMURA, MASANORI

Exec Dt: 05/09/2006

SUGA, KATSUO

Exec Dt: 05/09/2006

SEKIBA, TORU

Exec Dt: 05/09/2006

WAKAMATSU, HIRONORI

Exec Dt: 05/09/2006

SHIRATORI, KAZUYUKI

Exec Dt: 05/09/2006

YASUDA, HIROFUMI

Exec Dt: 05/09/2006

Assignee: NISSAN MOTOR CO., LTD.

2, TAKARA-CHO, KANAGAWA-KU

YOKOHAMA-SHI, KANAGAWA-KEN 221-0023, JAPAN

Correspondent: GLENN LAW

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Search Results as of: 02/19/2009 06:49 PM

If you have any comments or questions concerning the data displayed, contact PRD / Assignments at 571-272-3350.
Web interface last modified: October 18, 2008 v.2.0.2

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee **NISSAN MOTOR CO., LTD.
of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention **CATALYST POWDER, EXHAUST GAS PURIFYING CATALYST, AND METHOD OF PRODUCING THE CATALYST POWDER**

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith
☐ executed on _____
☒ Serial No. PCT/JP2005/002525 Filed February 10, 2005

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Masanori NAKAMURA	Signature: <i>Masanori Nakamura</i>	Date: 5/9/2006
Name: Katsuo SUGA	Signature: <i>Katsuo Suga</i>	Date: 5/9/2006
Name: Toru SEKIBA	Signature: <i>Toru Sekiba</i>	Date: 5/9/2006
Name: Hironori WAKAMATSU	Signature: <i>Hironori Wakamatsu</i>	Date: 5/9/2006
Name: Kazuyuki SHIRATORI	Signature: <i>Kazuyuki Shiratori</i>	Date: 5/9/2006
Name: Hirofumi YASUDA	Signature: <i>Hirofumi Yasuda</i>	Date: 5/9/2006
NAMES AND SIGNATURES OF WITNESSES		
Name:	Signature:	Date:
Name:	Signature:	Date:

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

APPENDIX B



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 02, 2006

PTAS



103272319A

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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 06/23/2006

REEL/FRAME: 018035/0526
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

NAKAMURA, MASANORI

DOC DATE: 05/09/2006

ASSIGNOR:

WAKAMATSU, HIRONORI

DOC DATE: 05/09/2006

ASSIGNOR:

SUGA, KATSUO

DOC DATE: 05/09/2006

ASSIGNOR:

SEKIBA, TORU

DOC DATE: 05/09/2006

ASSIGNEE:

NISSAN MOTOR CO., LTD.
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YOKOHAMA-SHI, KANAGAWA-KEN 221-
0023
JAPAN

018035/0526 PAGE 2

SERIAL NUMBER: 10584243

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: POWDERY CATALYST, EXHAUST-GAS PURIFYING CATALYZER, AND POWDERY
CATALYST PRODUCTION METHOD

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee *NISSAN MOTOR CO., LTD.
of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan*

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention *POWDERY CATALYST, EXHAUST-GAS PURIFYING CATALYZER, AND POWDERY CATALYST PRODUCTION METHOD*

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith

☐ executed on _____

☒ Serial No. PCT/JP2004/018082

Filed November 29, 2004

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

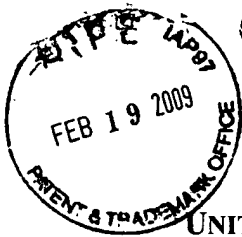
Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Masanori NAKAMURA	Signature: <i>Masanori Nakamura</i>	Date: 5/9/2006
Name: Hironori WAKAMATSU	Signature: <i>Hironori Wakamatsu</i>	Date: 5/9/2006
Name: Katsuo SUGA	Signature: <i>Katsuo Suga</i>	Date: 5/9/2006
Name: Toru SEKIBA	Signature: <i>Toru Sekiba</i>	Date: 5/9/2006
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
NAMES AND SIGNATURES OF WITNESSES		
Name:	Signature:	Date:
Name:	Signature:	Date:

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DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 08, 2006

PTAS



103272371A

RICHARD L. SCHWAAB
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RECORDATION DATE: 06/23/2006

REEL/FRAME: 018072/0499

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 040302-0572

ASSIGNOR:

SHIRATORI, KAZUYUKI

DOC DATE: 05/12/2006

ASSIGNOR:

SUGA, KATSUO

DOC DATE: 05/15/2005

ASSIGNOR:

NAKAMURA, MASANORI

DOC DATE: 05/12/2006

ASSIGNOR:

WAKAMATSU, HIRONORI

DOC DATE: 05/12/2006

ASSIGNOR:

YASUDA, HIROFUMI

DOC DATE: 05/12/2006

018072/0499 PAGE 2

ASSIGNEE:

NISSAN MOTOR CO., LTD.
2, TAKARA-CHO, KANAGAWA-KU
YOKOHAMA-SHI
KANAGAWA-KEN, JAPAN 221-0023

SERIAL NUMBER: 10584346

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: HEAT-RESISTIVE CATALYST AND PRODUCTION METHOD THEREOF

ANTIONE ROYALL, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee *NISSAN MOTOR CO., LTD. of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan*

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention *HEAT-RESISTIVE CATALYST AND PRODUCTION METHOD THEREOF*

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith
☐ executed on _____
☒ Serial No. PCT/JP2004/018333 Filed December 2, 2004

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

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Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Kazuyuki SHIRATORI	Signature: <i>Kazuyuki Shiratori</i>	Date: 5/12/2006
Name: Katsuo SUGA	Signature: <i>Katsuo Suga</i>	Date: 5/15/2006
Name: Masanori NAKAMURA	Signature: <i>Masanori Nakamura</i>	Date: 5/12/2006
Name: Hironori WAKAMATSU	Signature: <i>Hironori Wakamatsu</i>	Date: 5/12/2006
Name: Hirofumi YASUDA	Signature: <i>Hirofumi Yasuda</i>	Date: 5/12/2006
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 25, 2007

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FOLEY & LARDNER LLP
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WASHINGTON, DC 20007

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RECORDATION DATE: 06/21/2007

REEL/FRAME: 019464/0905

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 040302-0683

ASSIGNOR:

NAKAMURA, MASANORI

DOC DATE: 05/11/2007

ASSIGNOR:

SUGA, KATSUO

DOC DATE: 05/11/2007

ASSIGNOR:

WAKAMATSU, HIRONORI

DOC DATE: 05/11/2007

ASSIGNOR:

SHIRATORI, KAZUYUKI

DOC DATE: 05/11/2007

ASSIGNOR:

YASUDA, HIROFUMI

DOC DATE: 05/11/2007

FO: FOLEY & LARDNER LLP COMPANY: 3000 K STREET, N.W.

ASSIGNOR:
AOYAMA, MAKOTO

DOC DATE: 05/11/2007

019464/0905 PAGE 2

ASSIGNEE:

NISSAN MOTOR CO., LTD.
2, TAKARA-CHO, KANAGAWA-KU
YOKOHAMA-SHI, KANAGAWA-KEN, JAPAN

SERIAL NUMBER: 11722275

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: EXHAUST GAS PURIFYING CATALYST AND METHOD OF PRODUCING EXHAUST GAS
PURIFYING CATALYST

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

ASSIGNMENT

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title of invention **EXHAUST GAS PURIFYING CATALYST AND METHOD OF PRODUCING EXHAUST GAS PURIFYING CATALYST**

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith
☐ executed on _____
☒ Serial No. PCT/JP2005/019992 Filed October 31, 2005

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

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NAMES AND SIGNATURES OF INVENTORS		
Name: Masanori NAKAMURA	Signature: <i>Masanori Nakamura</i>	Date: 5/11/2007
Name: Katsuo SUGA	Signature: <i>Katsuo Suga</i>	Date: 5/11/2007
Name: Hironori WAKAMATSU	Signature: <i>Hironori Wakamatsu</i>	Date: 5/11/2007
Name: Kazuyuki SHIRATORI	Signature: <i>Kazuyuki Shiratori</i>	Date: 5/11/2007
Name: Hirofumi YASUDA	Signature: <i>Hirofumi Yasuda</i>	Date: 5/11/2007
Name: Makoto AOYAMA	Signature: <i>Makoto Aoyama</i>	Date: 5/11/2007
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

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DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 11, 2005

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102966563A

RICHARD L. SCHWAAB
FOLEY & LARDNER LLP
WASHINGTON HARBOUR
3000 K STREET, N.W., SUITE 500
WASHINGTON, D.C. 20007-5143

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RECORDATION DATE: 03/15/2005

REEL/FRAME: 016387/0313
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 040302-0474

ASSIGNOR:
SHIRATORI, KAZUYUKI

DOC DATE: 02/03/2005

ASSIGNOR:
SEKIBA, TORU

DOC DATE: 02/03/2005

ASSIGNOR:
SUGA, KATSUO

DOC DATE: 02/03/2005

ASSIGNOR:
NAKAMURA, MASANORI

DOC DATE: 02/03/2005

ASSIGNOR:
WAKAMATSU, HIRONORI

DOC DATE: 02/03/2005

ASSIGNOR:
YASUDA, HIROFUMI

DOC DATE: 02/03/2005

016387/0313 PAGE 2

ASSIGNEE:

NISSAN MOTOR CO., LTD.
2, TAKARA-CHO, KANAGAWA-KU
YOKOHAMA-SHI, KANAGAWA, JAPAN

SERIAL NUMBER: 11079377

FILING DATE: 03/15/2005

PATENT NUMBER:

ISSUE DATE:

TITLE: CATALYST POWDER, METHOD OF PRODUCING THE CATALYST POWDER, AND
EXHAUST GAS PURIFYING CATALYST

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee **NISSAN MOTOR CO., LTD.
of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention **CATALYST POWDER, METHOD OF PRODUCING THE CATALYST POWDER,
AND EXHAUST GAS PURIFYING CATALYST**

as set forth in this United States Patent Application

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☐ Serial No. _____ Filed _____

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

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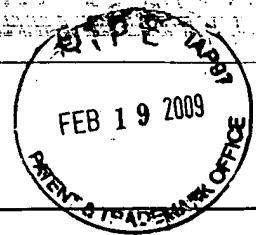
Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

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NAMES AND SIGNATURES OF INVENTORS		
Name: Kazuyuki SHIRATORI	Signature: <i>Kazuyuki Shiratori</i>	Date: 03/2/2005
Name: Toru SEKIBA	Signature: <i>Toru Sekiba</i>	Date: 3/2/2005
Name: Katsuo SUGA	Signature: <i>Katsuo Suga</i>	Date: 3/2/2005
Name: Masanori NAKAMURA	Signature: <i>Masanori Nakamura</i>	Date: 3/2/2005
Name: Hironori WAKAMATSU	Signature: <i>Hironori Wakamatsu</i>	Date: 3/2/2005
Name: Hirofumi YASUDA	Signature: <i>Hirofumi Yasuda</i>	Date: 03/2/2005
NAMES AND SIGNATURES OF WITNESSES		
Name:	Signature:	Date:
Name:	Signature:	Date:

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DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 17, 2006

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GLENN LAW
FOLEY & LARDNER LLP
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3000 K STREET NW, SUITE 500
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RECORDATION DATE: 07/19/2006

REEL/FRAME: 018130/0726
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 040302-0579

ASSIGNOR:
YASUDA, HIROFUMI

DOC DATE: 06/16/2006

ASSIGNOR:
SUGA, KATSUO

DOC DATE: 06/16/2006

ASSIGNOR:
NAKAMURA, MASANORI

DOC DATE: 06/16/2006

ASSIGNOR:
WAKAMATSU, HIRONORI

DOC DATE: 06/16/2006

ASSIGNOR:
SHIRATORI, KAZUYUKI

DOC DATE: 06/16/2006

ASSIGNOR:
SEKIBA, TORU

DOC DATE: 06/16/2006

ASSIGNEE:

NISSAN MOTOR CO., LTD.
2, TAKARA-CHO, KANAGAWA-KU
YOKOHAMA-SHI, KANAGAWA-KEN, JAPAN

221-0023

SERIAL NUMBER: 10586533

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: CATALYST POWDER, EXHAUST GAS PURIFYING CATALYST, AND METHOD OF
PRODUCING THE CATALYST POWDER

KIMBERLY WHITE, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

ASSIGNMENT

U.S. Rights—Sole or Joint

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee **NISSAN MOTOR CO., LTD. of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention **CATALYST POWDER, EXHAUST GAS PURIFYING CATALYST, AND METHOD OF PRODUCING THE CATALYST POWDER**

as set forth in this United States Patent Application

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☐ executed on _____
☒ Serial No. PCT/JP2005/002195 Filed February 8, 2005

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

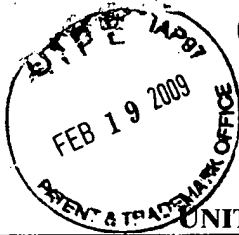
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NAMES AND SIGNATURES OF INVENTORS		
Name: Hirofumi YASUDA	Signature: <i>Hirofumi Yasuda</i>	Date: 6/16/2006
Name: Katsuo SUGA	Signature: <i>Katsuo Suga</i>	Date: 6/16/2006
Name: Masanori NAKAMURA	Signature: <i>Masanori Nakamura</i>	Date: 6/16/2006
Name: Hironori WAKAMATSU	Signature: <i>Hironori Wakamatsu</i>	Date: 6/16/2006
Name: Kazuyuki SHIRATORI	Signature: <i>Kazuyuki Shiratori</i>	Date: 6/16/2006
Name: Toru SEKIBA	Signature: <i>Toru Sekiba</i>	Date: 6/16/2006
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

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AUGUST 11, 2005

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RICHARD L. SCHWAAB
FOLEY & LARDER LLP
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3000 K STREET, N.W, SUITE 500
WASHINGTON, DC 20007-5143

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RECORDATION DATE: 03/15/2005

REEL/FRAME: 016385/0893

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 040302-0476

ASSIGNOR:

WAKAMATSU, HIRONORI

DOC DATE: 01/17/2005

ASSIGNOR:

NAKAMURA, MASANORI

DOC DATE: 01/17/2005

ASSIGNOR:

SHIRATORI, KAZUYUKI

DOC DATE: 01/17/2005

ASSIGNOR:

YASUDA, HIROFUMI

DOC DATE: 01/17/2005

ASSIGNOR:

SUGA, KATSUO

DOC DATE: 01/17/2005

ASSIGNOR:

SEKIBA, TORU

DOC DATE: 01/17/2005

ASSIGNEE:

NISSAN MOTOR, CO., LTD.
2, TAKARA-CHO, KANAGAWA-KU
YOKAHAMA-SHI, KANAGAWA-KEN, JAPAN

SERIAL NUMBER: 11079270

FILING DATE: 03/15/2005

PATENT NUMBER:

ISSUE DATE:

TITLE: CATALYST POWDER, EXHAUST GAS PURIFYING CATALYST, AND METHOD OF
PRODUCING THE CATALYST POWDER

TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee *NISSAN MOTOR CO.,LTD. of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, Japan*

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention *CATALYST POWDER, EXHAUST GAS PURIFYING CATALYST, AND METHOD OF PRODUCING THE CATALYST POWDER*

as set forth in this United States Patent Application

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☐ Serial No. _____ Filed _____

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Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Hironori WAKAMATSU	Signature: <i>Hironori Wakamatsu</i>	Date: 1/17/2005
Name: Masanori NAKAMURA	Signature: <i>Masanori Nakamura</i>	Date: 1/17/2005
Name: Kazuyuki SHIRATORI	Signature: <i>Kazuyuki Shiratori</i>	Date: 1/17/2005
Name: Hirofumi YASUDA	Signature: <i>Hirofumi Yasuda</i>	Date: 1/17/2005
Name: Katsuo SUGA	Signature: <i>Katsuo Suga</i>	Date: 1/17/2005
Name: Toru SEKIBA	Signature: <i>Toru Sekiba</i>	Date: 1/17/2005
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

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Patent Assignment Abstract of Title

NOTE: Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.

Total Assignments: 1

Patent #: NONE Issue Dt: Application #: 11578295 Filing Dt: 10/13/2006
Publication #: US20070244001 Pub Dt: 10/18/2007
Inventors: Hironori Wakamatsu, Hirofumi Yasuda, Kazuyuki Shiratori, Masanori Nakamura, Katsuo Suga et al
Title: Catalyst, Exhaust Gas Purification Catalyst, and Method for Manufacturing Same

Assignment: 1

Reel/Frame: 018441 / 0713 Recorded: 10/13/2006 Pages: 2

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: WAKAMATSU, HIRONORI

Exec Dt: 10/11/2006

YASADA, HIROFUMI

Exec Dt: 10/11/2006

SHIRATORI, KAZUYUKI

Exec Dt: 10/11/2006

NAKAMURA, MASANORI

Exec Dt: 10/11/2006

SUGA, KATSUO

Exec Dt: 10/11/2006

SEKIBA, TORU

Exec Dt: 10/11/2006

Assignee: NISSAN MOTOR CO., LTD.

2, TAKARA-CHO, KANAGAWA-KU

YOKOHAMA-SHI, KANAGAWA, JAPAN 221-0023

Correspondent: GLOBAL IP COUNSELORS, LLP
1233 TWENTIEHT STREET, NW
SUITE 700
WASHINGTON, DC 20036

Search Results as of: 01/14/2009 04:20 PM

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11/578295

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OMB No. 6514-0011(exp-4/94)

NS-US065112



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2 SHEET

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Patent and Trademark Office

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1. Name of conveying party(ies):
**Hironori WAKAMATSU, Hirofumi YASADA,
Kazuyuki SHIRATORI, Masanori NAKAMURA,
Katsuo SUGA, Toru SEKIBA**
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: **Nissan Motor Co., Ltd.**
Internal Address:

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: **10/11/06**

Street Address: **2, Takara-cho, Kanagawa-ku**
City: **Yokohama-shi** Prefecture: **Kanagawa**
Country: **Japan** Zip: **221-0023**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: **10/11/06**

A. Patent Application No.(s)

B. Patent No.(s)

PCT/IB2005/001906

10/20/2006 HKAYPAGH 00000057 11578295

04 FC:8021

40.00 OP

Additional Application numbers attached? ☐ Yes ☒ No

11/578295

5. Name and address of party to whom correspondence concerning document should be mailed:

Name:
Global IP Counselors, LLP
Internal Address:

Street Address: **1233 Twentieth Street, NW**
Suite 700
City: **Washington State: D.C. ZIP: 20036**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41) :..\$**40.00**

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☐ Authorized to be charged to deposit account

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David L. Tarnoff

Name of Person Signing

Signature

10-13-06

Date

Total number of pages including cover sheet, attachments, and document:

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PATENT
REEL: 018441 FRAME: 0713

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

NISSAN MOTOR CO., LTD.
2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa 221-0023, JAPAN

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

CATALYST, EXHAUST GAS PURIFICATION CATALYST, AND METHOD FOR MANUFACTURING SAME

as set forth in his/her United States Patent Application

- () executed concurrently herewith
(X) PCT International Application No. PCT/IB2005/001906 Filed July 5, 2005

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Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues, reexaminations, or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters patent of the United States for said invention;

Each of the undersigned hereby grants the firm of Global IP Counselors, LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Name: <u>Hironori Wakamatsu</u>	Date: <u>10/11/2006</u>	Name: <u>Hirofumi Yasuda</u>	Date: <u>10/11/2006</u>
Name: <u>Kazuyuki Shiratori</u>	Date: <u>10/11/2006</u>	Name: <u>Masanori Nakamura</u>	Date: <u>10/11/2006</u>
Name: <u>Katsuo Suga</u>	Date: <u>10/11/2006</u>	Name: <u>Toru Sekiba</u>	Date: <u>10/11/2006</u>

DLT/ms

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RECORDED: 10/13/2006

PATENT
REEL: 018441 FRAME: 0714